

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region II

DATE:

JAN 02 1985

SUBJECT:

Incident at IBM's East Fishkill Facility (Hopewell Junction, NY) Involving  
the Discharge of Low Levels of Acetone and Isoprophyl Alcohol

FROM:

John E. LaPadula

Response and Prevention Branch

TO:

File

I spoke with Mr. Joseph Hogan (914-894-9273) of IBM on December 4, 1984 who related the incident (refer to Incident Notification Report EPA log No. 126-85). I requested that Mr. Hogan send EPA a copy of the IBM report which the company was preparing for the New York State Department of Environmental Conservation (NYSDEC). The report will identify the cause and remedial action for the contamination.

I called John Sansalone with the NYSDEC on December 5, 1984 to verify that the NYSDEC was aware of the reported release. Mr. Sansalone indicated that he had been notified by IBM and that he was planning to send a NYSDEC technician to the site in the next day or so (i.e., December 6, 1984). He also indicated that he would be tracking IBM's investigation of the incident via the above-mentioned IBM report



FEDERAL REGION II  
ENVIRONMENTAL INCIDENT NOTIFICATION REPORTState No. \_\_\_\_\_  
EPA log No. 126-85

Reported Thru NRC

1. Received: By: John E. LaPakula \*Date: 12/4/84 \*Time: 1700  
(Signature) (Military)\*2. Reported By: Name: Joe Hogan Phone: 914-894-9273  
Organization: IBM (Blue Shimmer 894-7707)  
Address: East Fish Kill Facility  
(Number and Street) NY  
Hopewell Junction 12533  
(City or Town, State and ZIP code)3. Discharger/Carrier/Source: Contact: \_\_\_\_\_ Phone: \_\_\_\_\_  
\*(Responsible Party)  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
(Number and Street)  
\_\_\_\_\_  
(City or Town, State and ZIP code)4. Shipper of Material: Contact: \_\_\_\_\_ Phone: \_\_\_\_\_  
(Notified? Yes No)  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
(Number and Street)  
\_\_\_\_\_  
(City or Town, State and ZIP code)

## 5. Incident Information:

## \*A. Location

1. Address/Intersection: Same as above  
2. Town: \_\_\_\_\_ County: Dutchess State: \_\_\_\_\_

5. Incident Information (Continued):

\*B. Incident Data

1. Materials: Acetone & Isopropyl Alcohol

2. Quantities: 140 mg/l ↓ 89 mg/l ↓

\*3. Quantity In Water (Include Name of Water Body and its uses, i.e., Water Supply.)

See below

\*4. Quantity On Land \_\_\_\_\_

a. Is discharge to water threatened (i.e., if not cleaned up, might rain wash into storm sewers, etc.?)

Yes ✓ No \_\_\_\_\_

b. Estimated distance from waterway \_\_\_\_\_

5. Quantity In Air \_\_\_\_\_

\*C. Incident Began: Date ? Time \_\_\_\_\_ (Military)

D. Incident Discovered: Date 11/20<sup>+</sup> 11/28 Time \_\_\_\_\_ (Military)

E. Discharge Stopped: Yes \_\_\_\_\_ No \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ (Military)

\*F. Cleanup, containment, or other mitigation measures taken (identify by whom: Sump is being pumped out)

\*G. Cleanup completed? Yes \_\_\_\_\_ No In process Disposal at \_\_\_\_\_

\*H. Cause, Other Pertinent Information: \_\_\_\_\_

Materials spilled in a basement sump area  
they are contained - but a trace was found  
in a stream New York State 95-9

~3ppm Acetone at outfall of pipe  
to stream (GC no MS)

+ 3ppm in pipe discovered  
11/28-11/30 discovery in Sump

5. Incident Information (Continued):

\*I. List Federal, State, local, other agencies responding on scene:

\*J. Any other Federal, State, or local agencies (including water supply if threatened) already notified: NYSDEC called & NRC called

6. Additional Calls Placed to Gather Information:

7. Jurisdiction: ☐ Not Federal ☐ Coast Guard ☐ EPA ☐ (other)

8. Hazard Evaluation:

A. References Counsulted: OHMTADS; CHRIS; MERCK; SAX; NFPA HAZ. MAT.; HANDBOOK - ENV. DATA - ORG. CHEMICALS; EMSL SAFETY HANDBOOK & CHEM. HAZ. GUIDE; ACGIH TLV's; OTHER \_\_\_\_\_

B. Physical Properties (complete if involves release/threat from chemicals):

1. State - gas; liquid; solid; vapor;
2. Flash Point \_\_\_\_\_ OF or OC
3. Solubility \_\_\_\_\_
4. Density/Specific Gravity \_\_\_\_\_
5. Odor and Odor Threshold \_\_\_\_\_
6. Boiling Point \_\_\_\_\_, Vapor Pressure \_\_\_\_\_
7. Lower Explosive Limit \_\_\_\_\_
8. Reactive With \_\_\_\_\_
9. Radioactive \_\_\_\_\_
10. Other \_\_\_\_\_

8. Hazard Evaluation (Continued):

C. Human Toxicity Properties (complete if involves release/threat from chemicals):

1. Inhalation TLV \_\_\_\_\_
2. Inhalation Acute Toxicity \_\_\_\_\_
3. Proven Carcinogen \_\_\_\_\_
4. Possible Carcinogen \_\_\_\_\_
5. Toxic Through Skin (contact) (passage of vapor) \_\_\_\_\_
6. Corrosive to Skin \_\_\_\_\_
7. Mutagen \_\_\_\_\_
8. Teratogen \_\_\_\_\_
9. Ingestion Toxicity LD<sub>50</sub> \_\_\_\_\_

D. Environmental Hazards:

1. Toxic to fish; waterfowl, clams, crabs, muskrat, turtles, other.
2. Threat to endangered species (specify) \_\_\_\_\_
3. BOD or COD \_\_\_\_\_ will reduce oxygen in water
4. Persistent in environment
5. Will contaminate groundwater supply or surface drinking water supply
6. Will foul industrial or power plant intakes
7. Marshes or other critical wildlife habitat threatened

E. Hazard Evaluation Summary

Public: High \_\_\_\_\_ Medium \_\_\_\_\_ Low \_\_\_\_\_

Environment: High \_\_\_\_\_ Medium \_\_\_\_\_ Low \_\_\_\_\_

9. Additional Calls Made to Notify or Advise Others: Jack Harmon (TAT)  
visited facilities 12/5/84, EPA will receive copy of  
IBM's investigation that will be sent to John Sansalone  
914-255-5453  
Sansalone will send Technician maybe on 12/6/84

10. Incident Classification For Statistical and Documentation Purposes:

- A. (Discharge) or (Potential Discharge) to: (Water) (Air) (Land), involving (oil) (reportable quantity of designated hazardous substances) (less than reportable quantity of designated hazardous substances) (hazardous waste) (other chemicals) (unknown substance).
- B. No discharge or potential discharge involved.
- C. Responded to on scene by: <sup>FRT</sup>(EPA) (CG) (State) (local) (none).
- D. Magnitude of Incident: (Major) (Medium) (Minor) (UNKN).
- E. Cleanup conducted by: (EPA) (CG) (State) (local) (discharger) (none) (none required)

11. Referrals/Follow Up:

N/S PDES \_\_\_\_\_

CWA SPCC 308 ltr. \_\_\_\_\_

SPCC Inspection \_\_\_\_\_

RCRA \_\_\_\_\_

CWA Spill 308 ltr. \_\_\_\_\_

Site Assessment \_\_\_\_\_

Air \_\_\_\_\_

TSCA \_\_\_\_\_

Other \_\_\_\_\_